Texas Department of Transportation

Administrative Circular No. 8-92

SUBJECT	Roadway Information System (RIS) Data Maintenance
TO	Associate Executive Directors, District Engineers and Division Directors
REFERENCE	Administrative Order 30-88, Engineer-Director Action Item Memo on Highway Systems Functional Review
RESPONSIBLE OFFICE	Division of Transportation Planning	**DATE**	June 11. 1992

PURPOSE

This circular establishes responsibilities to comply with the directives from the Highway Systems Functional Review that required the implementation of a single reference marker system for all department maintained roadways. The directive also required that data be collected and entered into the database at the lowest possible level.

PROCEDURES

The Divisons of Transportation Planning and Maintenance and Operations, and the Districts will update the roadway elements of the Roadway Information System in accordance with established schedules, as changes occur. The Division of Transportation Planning will monitor the update process and provide oversight for the operation of the system.

RESPONSIBILITIES

The Division of Transportation Planning will collect and input the following elements:

AADT-ADJUST-CURRENT
AADT-CURRENT
AADT-CURRENT-YEAR
AADT-FOR-DESIGN-YEAR
AADT-HISTORY
AADT-HISTORY-YEAR
ADMIN-SYST-CODE
~~ALIGNMENT-CCI-DKND-ID~~
~~ALIGNMENT-CSO-FWD-ID~~
ATHWLD-PCT
ATHWLD-100-LBS
BASELINE-BEARING-GRP
  BLB-DEGREE-MEAS
  BLB-DIRECTION-BEG
  BLB-DIRECTION-END
  BLB-MINUTES-MEAS
  BLB-NOTE
  BLB-SECONDS-MEAS
  BLB-TYPE-CODE
BOUNDARY-TYPE-CODE
BOUNDARY-NOTE
BOUNDARY-SKEW
BOUNDARY-BEGIN-END
CENSUS-PLACE-NBR

CITY-NBR
CONTROL-SECTION
COUNTY-NBR
CURVE-POINT-CODE
CURVE-INFO-GRP
  CI-CURVE-LENGTH
  CI-CURVE-TYPE-CODE
  CI-CURVE-DEGREE-GRP
    CI-CD-DEGREE-MEAS
    CI-CD-MINUTES-MEAS
    CI-CD-SECONDS-MEAS
  CI-DELTA-GRP
    CI-DELTA-DEGREE-MEAS
    CI-DELTA-LEFT-RIGHT-CODE
    CI-DELTA-MINUTES-MEAS
    CI-DELTA-SECONDS-MEAS
  CI-TS1-TANGENT-LENGTH
  CI-TS2-TANGENT-LENGTH
DESIGN-HOURLY-VOLUME
DESIGN-YEAR
DIRECTIONAL-FACTOR
DISTRICT-ID
ELEVATION-MEAS

RESPONSIBILITIES

METROPOLITAN-PLANNING-AREA-NBR   LINK-TYPE-BEGIN-END
FIPS-URBAN-AREA   LINK-TYPE-CODE
FLEX-18KIP-ESAL   LINK-TYPE-NOTE
FUNCTIONAL-SYSTEM   LONGITUDE-MEAS
GOVT-CONTROL-LEVEL-CODE   OFF-SYSTEM-LENGTH
HIGHWAY-DESIGN-CODE   RAILROAD-NBR
HPMS-CURRENT-ID
~~HPMS-PERMANENT-ID~~
INTERSECTION-GRP
  INTERCHANGE-SYMBOL-NBR
    District Id
    Type
K-FACTOR   RIGID-18KIP-ESAL
LATITUDE-MEAS   ROADBED-ID
LINK-REF-MARKER-GRP   RURAL-URBAN-CODE
  LINK-REF-MKR-NBR   SECONDARY-RTE-DESIGNATION
    Link-Ref-Mkr-Nbr   SIGNED-HIGHWAY
    Link-Ref-Mkr-Suf   Highway-Number
  LINK-REF-MKR-DISP   Highway-Suffix
LINK-SIGNED-HWY   Highway-System
  Link-Hwy-System   SPECIAL-SYSTEM-CODE
  Link-Hwy-Nbr   STRUCTURE-NBR
  Link-Hwy-Suffix   TRUCK-PCT-AADT
LINK-GRP   TRUCK-PCT-DHV

The Division of Maintenance and Operations will collect and input the
following elements:

LOAD-LIMIT-AXLE   LOAD-LIMIT-GROSS   LOAD-LIMIT-TANDEM

Each District will collect and input the following elements:

BASE-TYPE-CODE   ROADBED-WIDTH
CULVERT-FILL-DEPTH-MEAS   SHOULDER-TYPE-LEFT-CODE
CURB-TYPE-LEFT-CODE   SHOULDER-TYPE-RIGHT-CODE
CURB-TYPE-RIGHT-CODE   SHOULDER-USE-LEFT-CODE
DIRECTION-OF-TRAVEL   SHOULDER-USE-RIGHT-CODE
HIGHWAY-MAINT-STATUS-CODE   SHOULDER-WIDTH-LEFT-MEAS
MAINTENANCE-ID-GRP   SHOULDER-WIDTH-RIGHT-MEAS
  MAINTENANCE-FOREMAN-NBR   SPEED-LIMIT-MAX
  MAINTENANCE-DISTRICT   SPEED-LIMIT-MIN
  MAINTENANCE-SECTION   SURFACE-TYPE-CODE
NUMBER-THRU-LANES   SURFACE-WIDTH-MEAS

MEDIAN-WIDTH-MEAS
MEDIAN-TYPE-CODE

RESPONSIBILITIES

The Division of Transportation Planning and/or the Districts will collect and input the following elements in accordance with established procedures to be posted in the revisions to the Roadway Information System manual:

HIGHWAY-STATUS-GRP
  HIGHWAY-STATUS-CODE
  HIGHWAY-STATUS-NOTE
INTERSECTION-GRP
  INT-FEATURE-TYPE
  INT-REF-MARKER-GRP
    INT-REF-MARKER-NBR
      Int-Ref-Marker-Nbr
      Int-Ref-Marker-Suf
    INT-REF-MARKER-DISP
  INT-ROADBED-ID
  INT-SIGNED-HIGHWAY
    Int-Hwy-System
    Int-Hwy-Nbr
    Int-Hwy-Suffix
  INT-TYPE
REF-MARKER-DATE
REFERENCE-MARKER-GRP

REF-MARKER-NBR
  Ref-Mkr-Nbr
  Ref-Mkr-Suf
REF-MARKER-DISP
ROADSIDE-FEATURE-TYPE-CODE
ROADWAY-FEATURE-GRP
  ROADWAY-FEATURE-BEGIN-END
  ROADWAY-FEATURE-CODE
  ROADWAY-FEATURE-GRADE
  ROADWAY-FEATURE-LEFT-RIGHT
  ROADWAY-FEATURE-NOTE
  ROADWAY-FEATURE-SKEW
    Quad
    Type
    Degree
    Degree
ROW-WIDTH-MIN-MEAS
ROW-WIDTH-USUAL-MEAS

EFFECTIVE DATE

Immediately

Approved: _[signature]_	Date: 6/11/92